Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 18 Jul 2023 until 23:59 on Wednesday 19 Jul 2023

Forecast Issued on Tuesday 18 Jul 2023 at 01:15

Confidence: High confidence for relatively cool and unsettled period, but slight uncertainty regarding timing and extent of rain on Tuesday and Saturday.

Headline for Tuesday 18 Jul 2023: Rain spreading in during the morning, turning heavy at times.

Mountain weather hazards on Tuesday 18 Jul 2023

Blizzards
No Likelihood

Gales
No Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	70%	80%	90%	80%	80%

Forecast for Tuesday 18 Jul 2023

Weather: Light rain and drizzle will be persistent throughout the day, turning heavy at times, before easing overnight into Wednesday. The odd thunderstorm is possible during the afternoon.

Chance of cloud-free hill tops above 600m: 40%.

Low Cloud and visibility: Generally good visibility during the morning but becoming moderate to poor in rain during the afternoon, and very poor in hill fog. Scraps of cloud around 500-600m during the morning, but the main cloud base will be above the summits until it lowers around the middle of the day, becoming extensive around 500m during the afternoon and lowering to 300-400m in heavier bursts of rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 18 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/14 SW	11/16 SW	11/15 SW	10/14 S	9/12 S	7/11 SE	6/9 NW
300	5/11 SW	9/16 SW	6/12 S	6/11 S	5/11 S	4/10 SE	3/6 W
Valley	3/10 SW	7/14 SW	5/12 S	3/9 SE	4/9 SE	5/11 E	5/10 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	10/8	10/8	10/8	10/8	10/9
300	12/12	13/11	13/12	12/11	12/11	12/11	12/12
Valley	13/13	14/13	14/13	13/13	14/13	13/13	13/12
Freezing Level*	2100m	2200m	2300m	2300m	2500m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Conditions will deteriorate during the day, with navigation becoming difficult on higher slopes during the afternoon as the cloud base lowers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 18 Jul 2023	3.8mm	12.6mm	38.8mm

Forecast for Wednesday 19 Jul 2023

Weather: Cloud and patchy rain clearing eastwards through the early morning. The rest of the day will see a mix of bright or sunny spells and scattered showers. Showers gradually dying away through the evening.

Maximum wind: Northwesterly 15-20mph gusting 25-30mph.

Chance of cloud-free hill tops above 600m: 20% increasing to 90% by late morning.

Low Cloud and visibility: Visibility moderate to poor at first with drizzle and widespread cloud around 300-400m. This clearing by late morning to leave significantly improved conditions, with excellent visibility.

Temperature: **Valleys:** 10 C becoming 19 C
At 600m: 10-12 C
Freezing level: Above summits

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